

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11913 - L2 Version 2
Chandra X-Ray Center

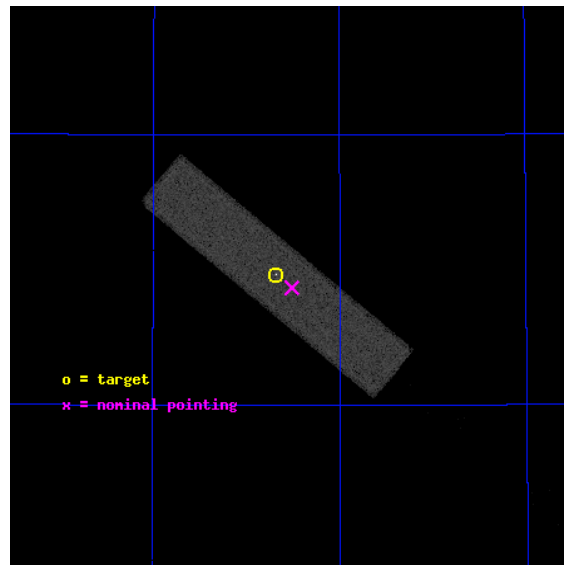
L2 Processing Date : Jul 3 2012

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1 Front

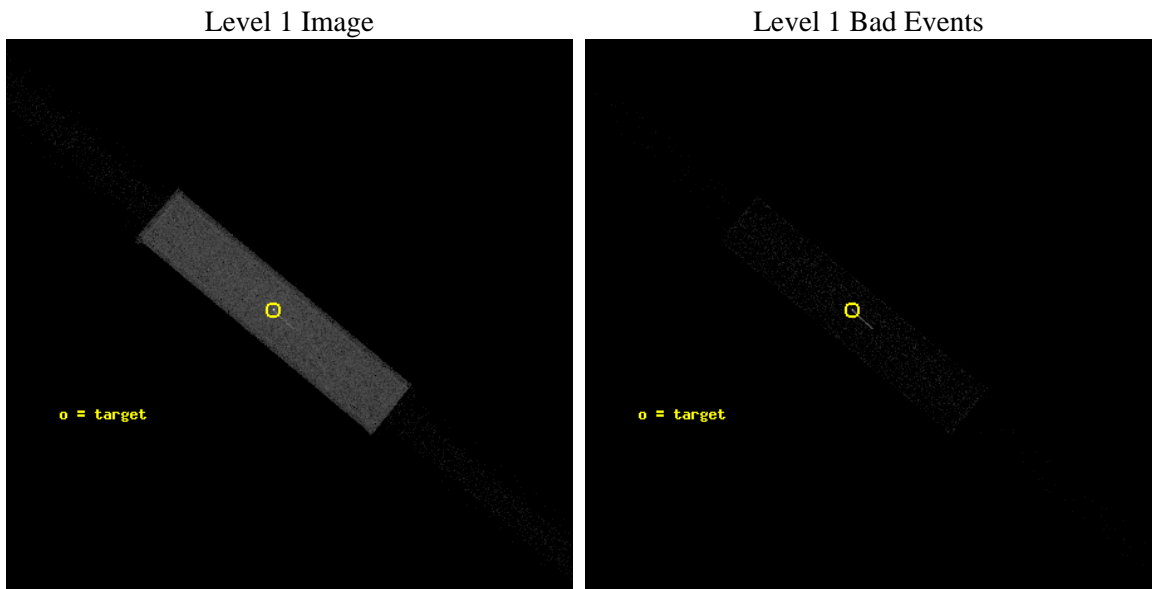
seq_num	290902	Sequence number
obs_id	11913	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12771666614	Nominal RA [deg]
dec_nom	45.717706160995	Nominal Dec [deg]
roll_nom	219.57874395952	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1149.2813090086	[s]
livetime	1139.3453151012	Ontime multiplied by DTCOR
l2events	74077	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1149.2813090086	[s]
caldsver	4.5.0	 	l1events	115752	Number of level 1 events
date	2012-07-03T23:56:38	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

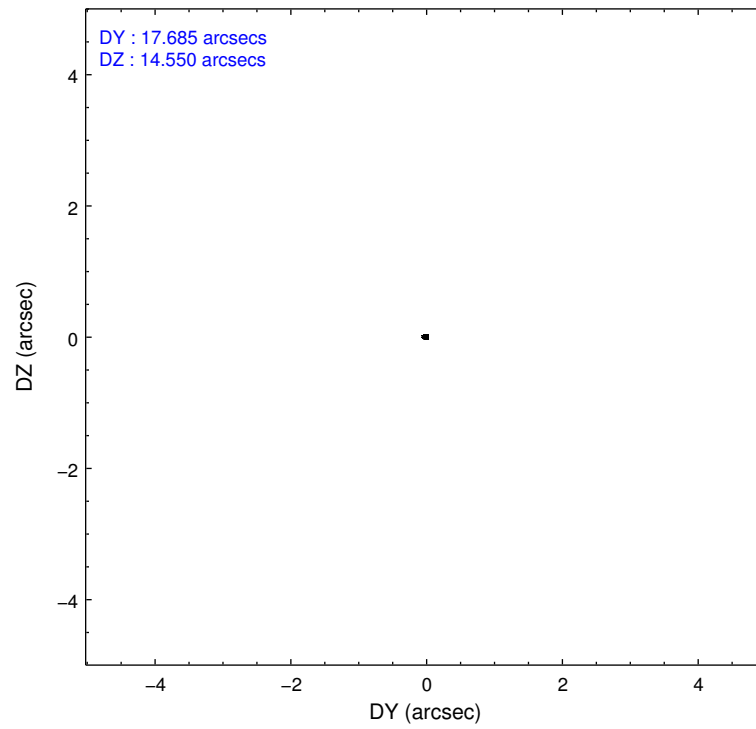
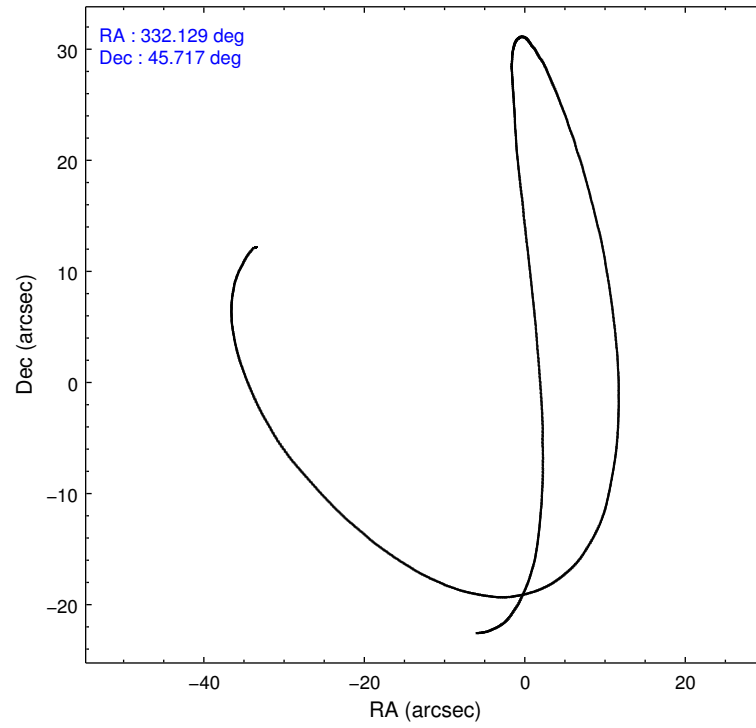
	segment 1	segment 2	segment 3
level 1 events	917	113965	870
rejected events	917	27213	847
rejected %	100%	23%	97%

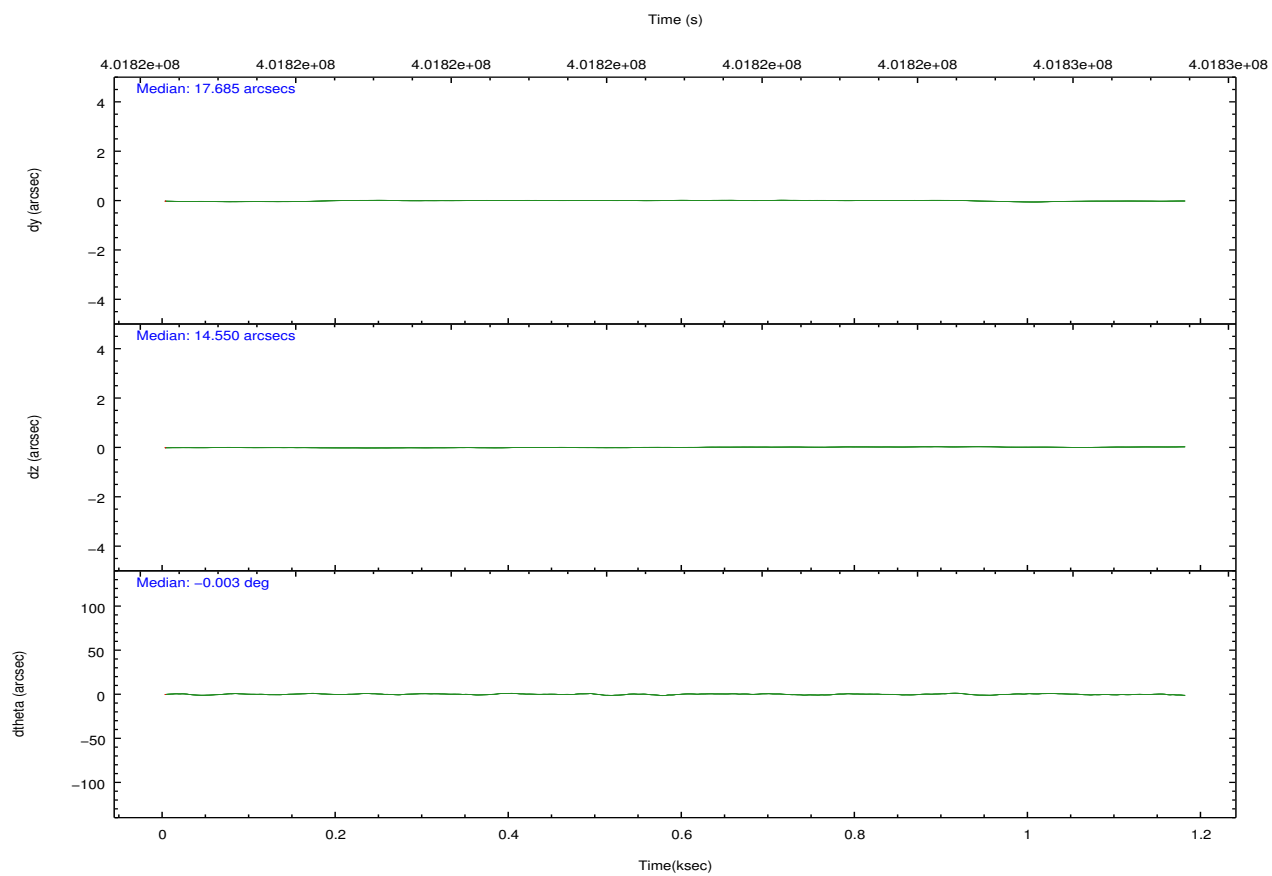
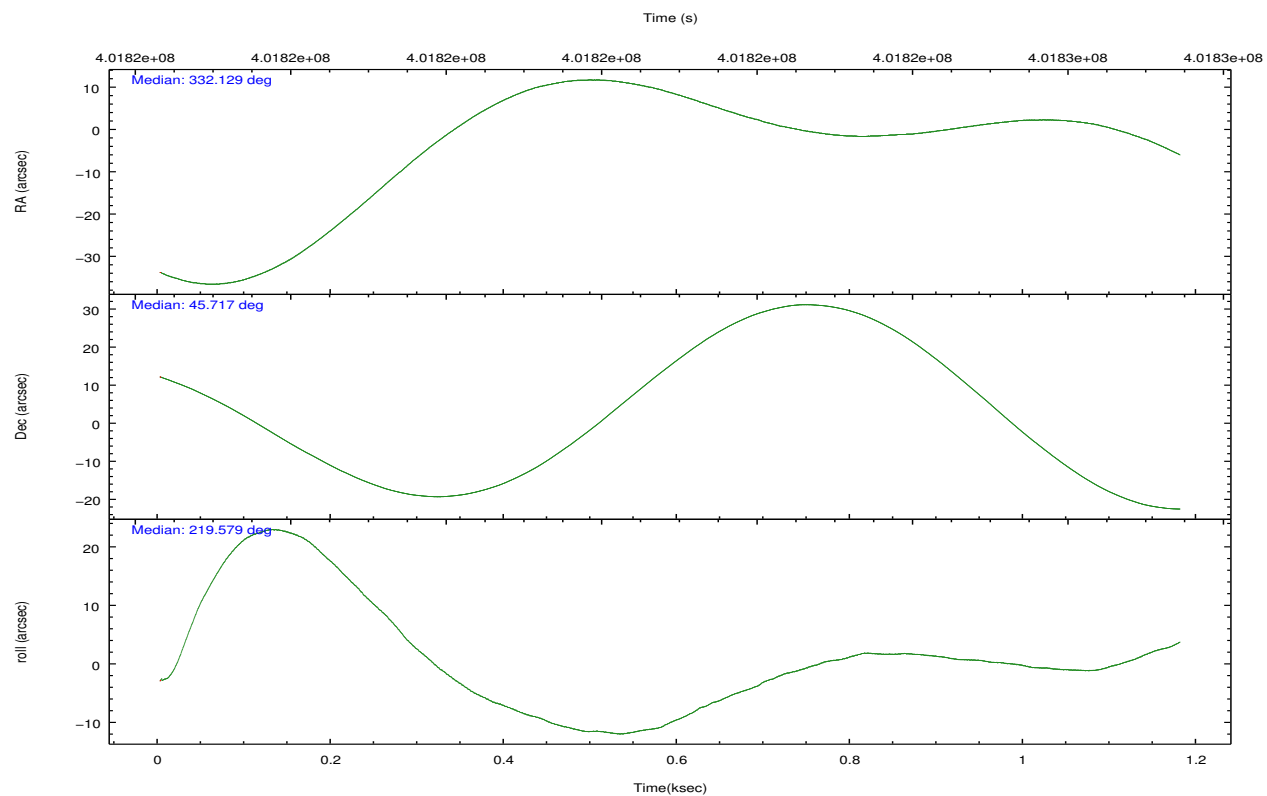
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.140237	332.1277166661442
[deg] Pointing Dec	45.745485	45.71770616099543
[deg] Pointing Roll	219.502729	219.5787439595235
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	401824279.184000	401823903.13977
Observation start date	2010-09-25T17:50:13	2010-09-25T17:45:03
[s] Observation end time (MET)	401825279.184000	401825413.47735
Observation end date	2010-09-25T18:06:53	2010-09-25T18:10:13

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



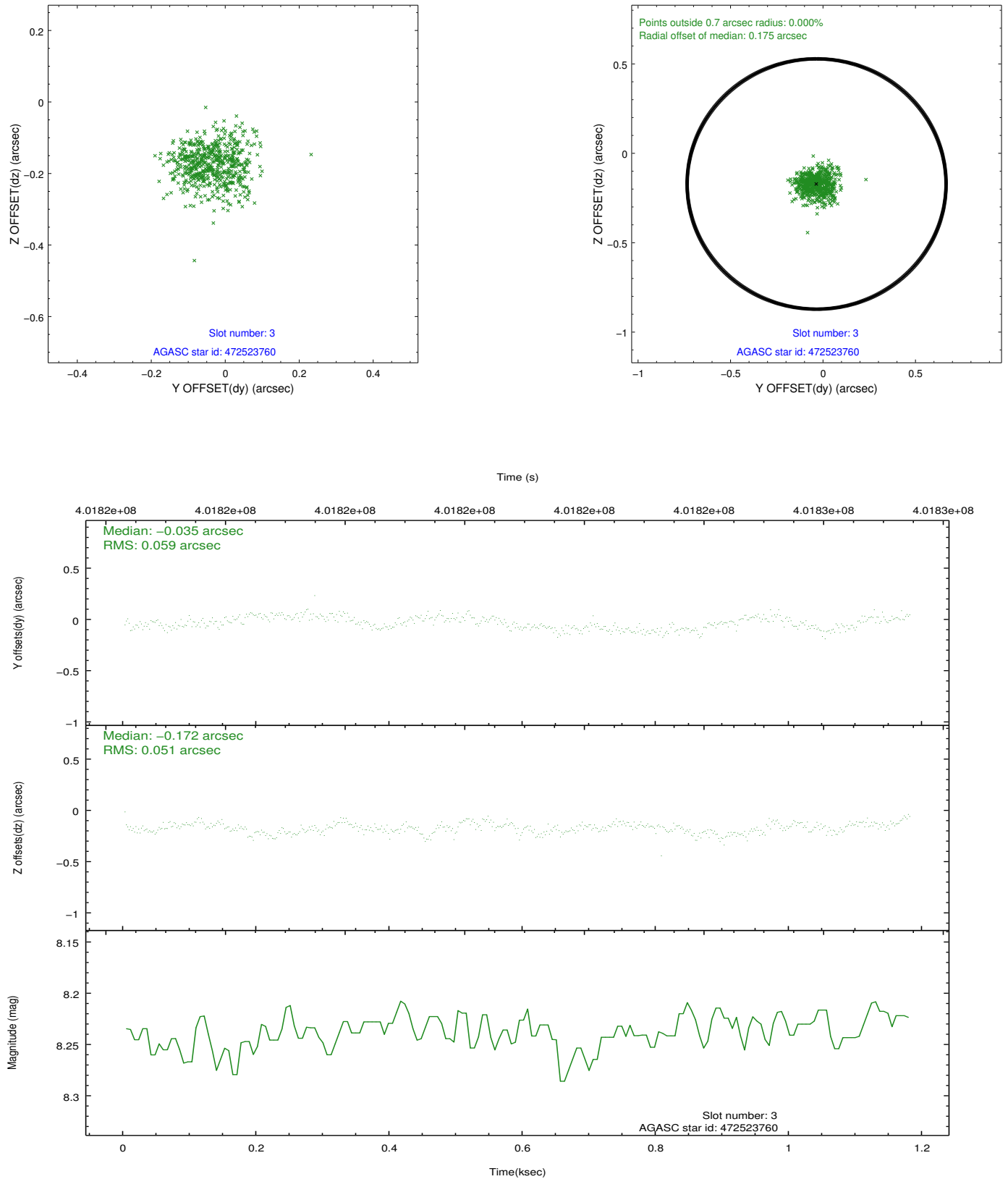


Slot Statistics

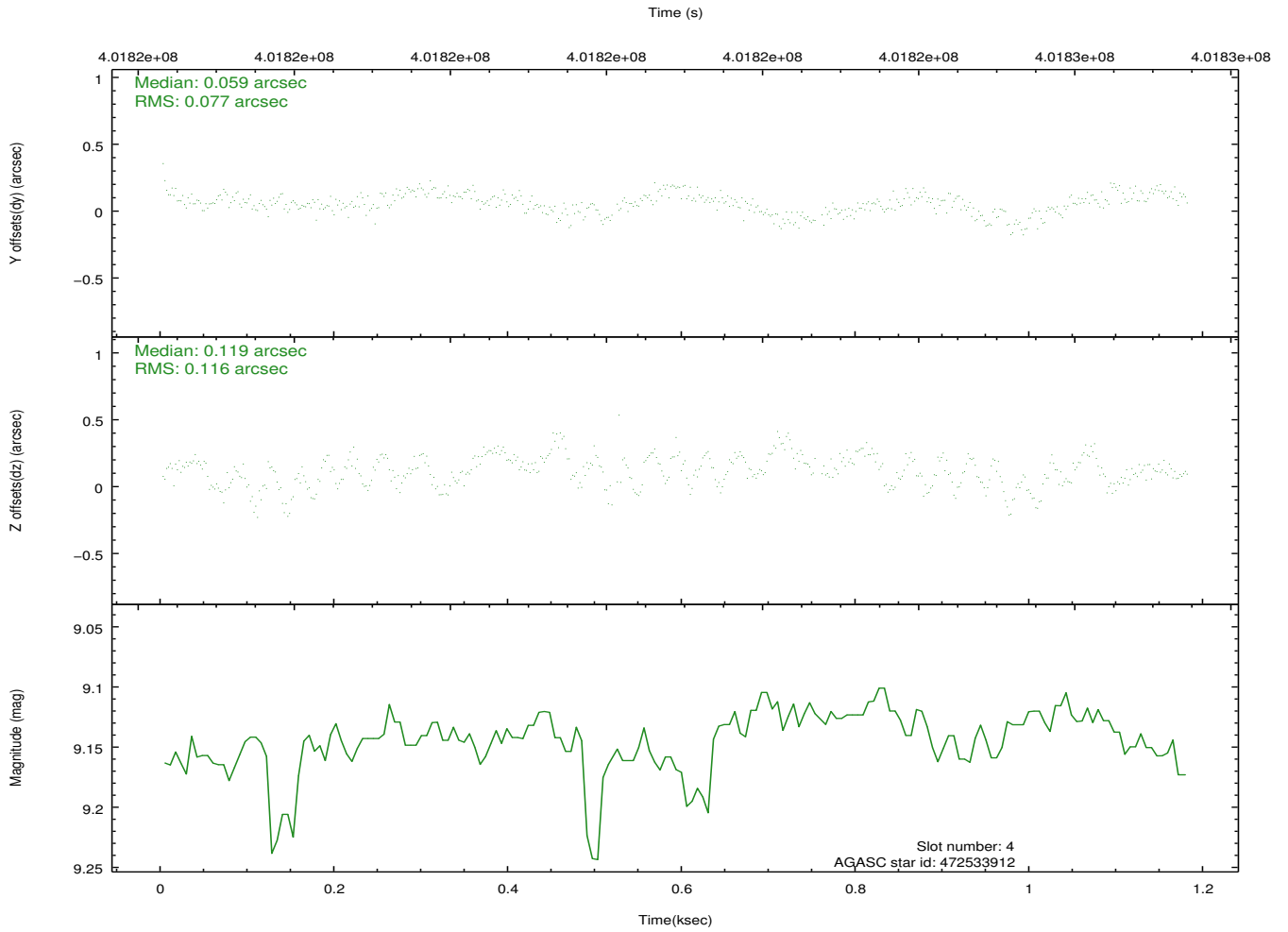
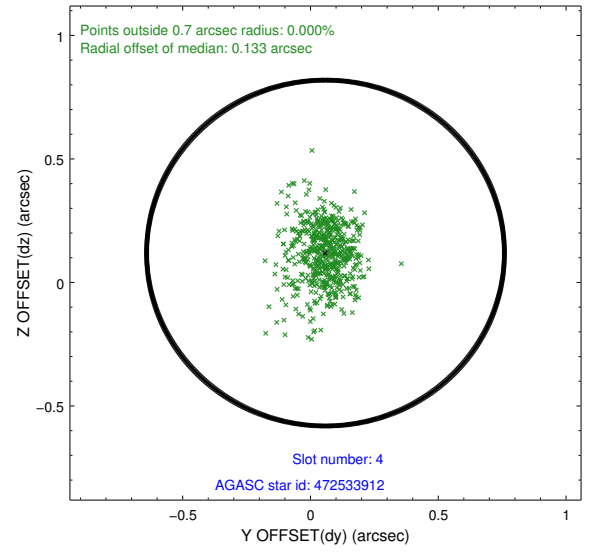
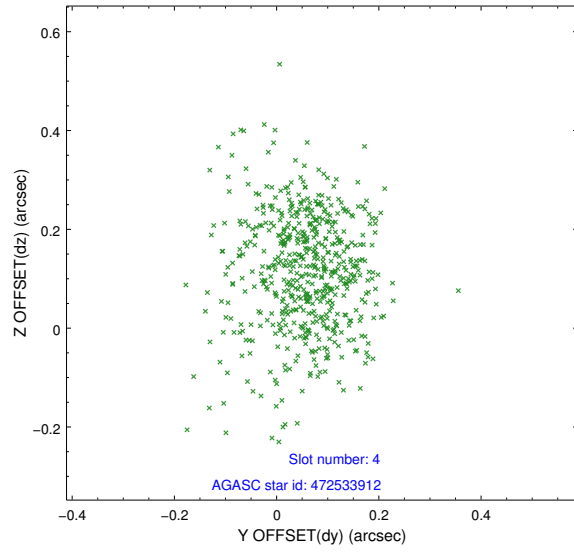
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	287	0.050	-0.214	0.006	0.010	0.000000	0.000000	-1172.18	-463.45
1	FID	HRC-S-2	6.97	288	0.265	-0.124	0.004	0.006	0.000000	0.000000	1223.63	-457.62
2	FID	HRC-S-3	7.01	288	0.075	0.035	0.006	0.011	0.000000	0.000000	-1170.62	564.73
3	GUIDE	472523760	8.24	576	-0.035	-0.172	0.083	0.132	331.645363	45.403260	1745.76	151.02
4	GUIDE	472533912	9.14	571	0.059	0.119	0.140	0.257	331.791136	46.368695	-757.05	-2284.65
5	GUIDE	472665256	9.03	575	0.105	0.128	0.098	0.154	332.808125	46.195041	-2320.05	-199.96
6	GUIDE	420754040	9.07	575	-0.087	0.077	0.099	0.157	331.917939	44.882543	2407.20	2035.21
7	GUIDE	472655152	9.42	572	-0.036	-0.156	0.122	0.199	332.504239	45.862991	-971.13	255.21

2.4 Star Slots

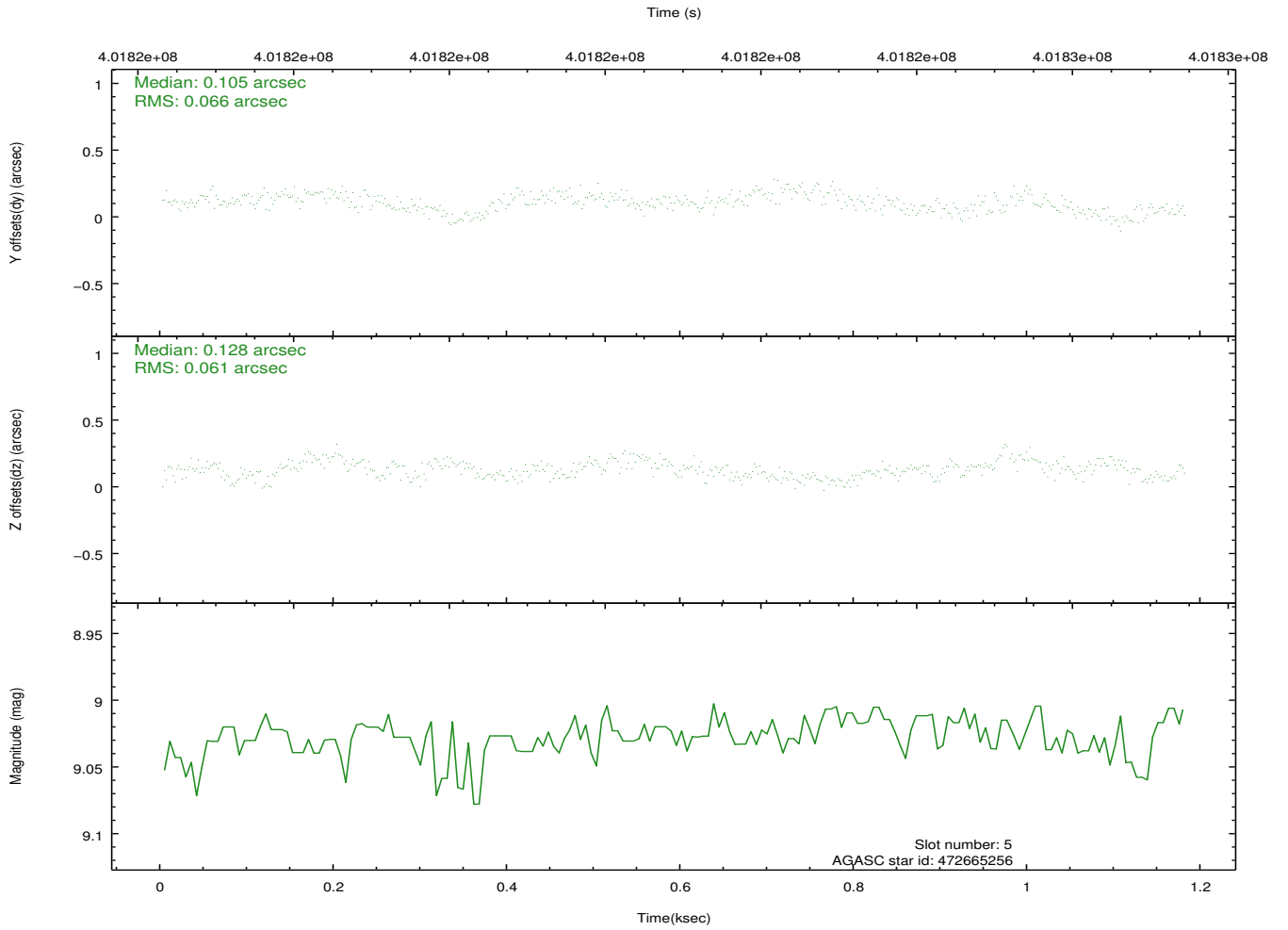
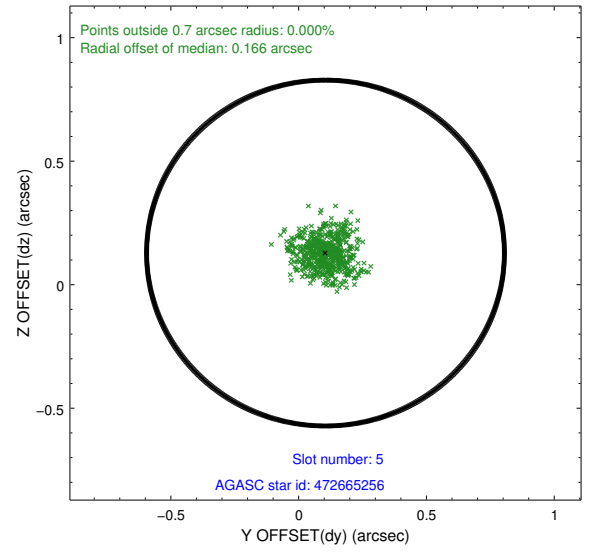
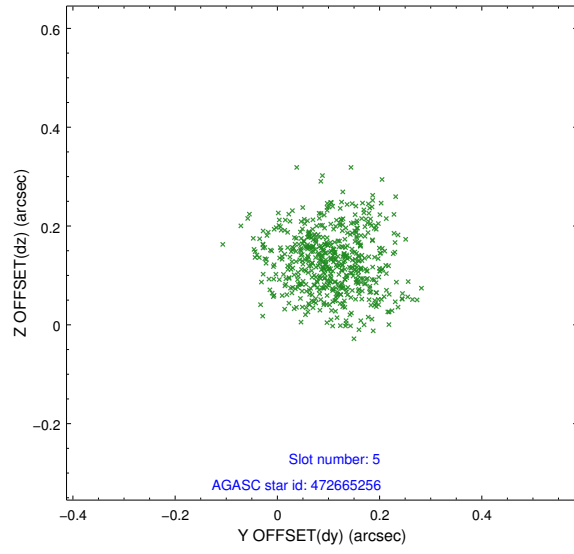
2.4.1 Slot 3



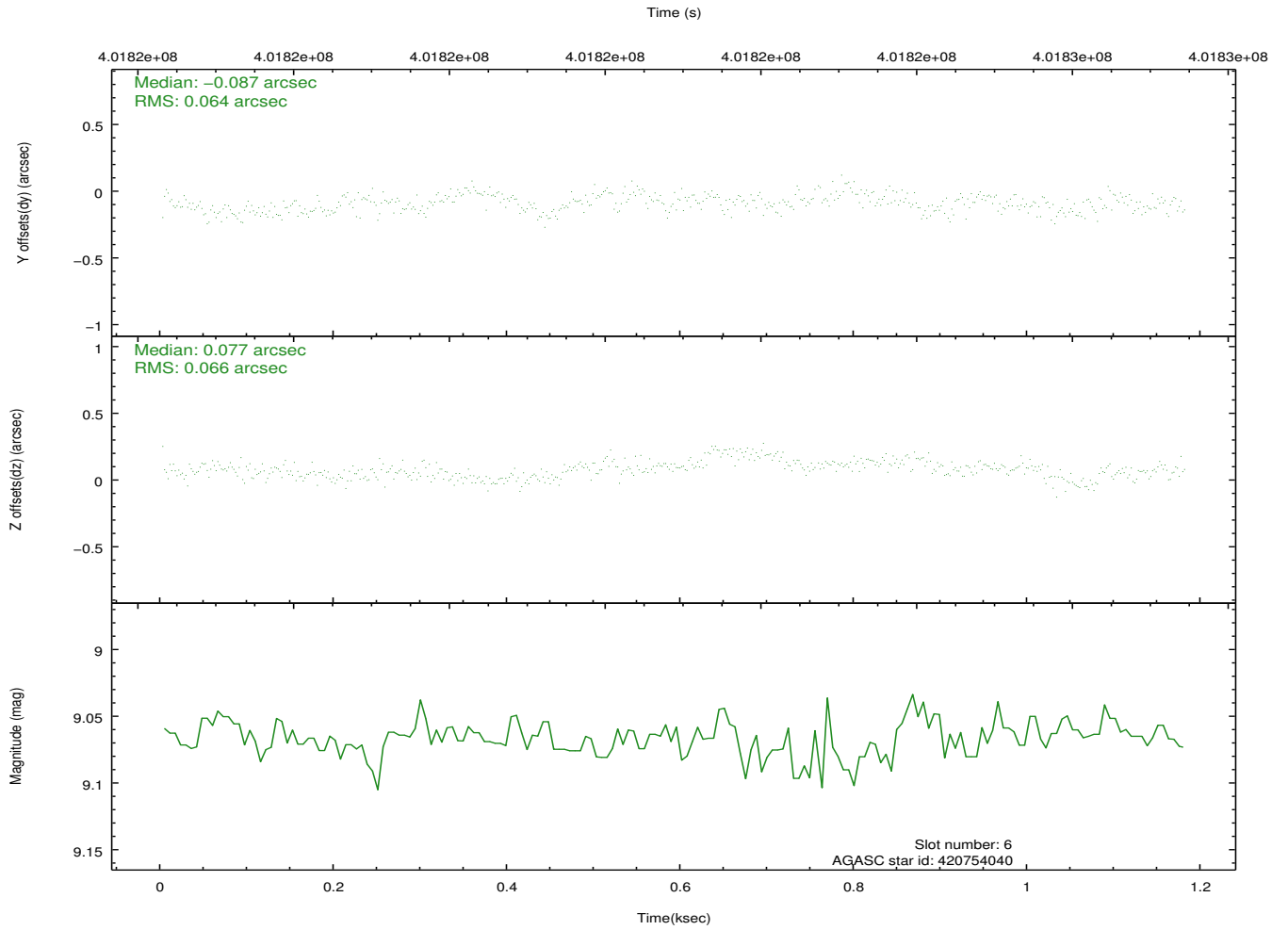
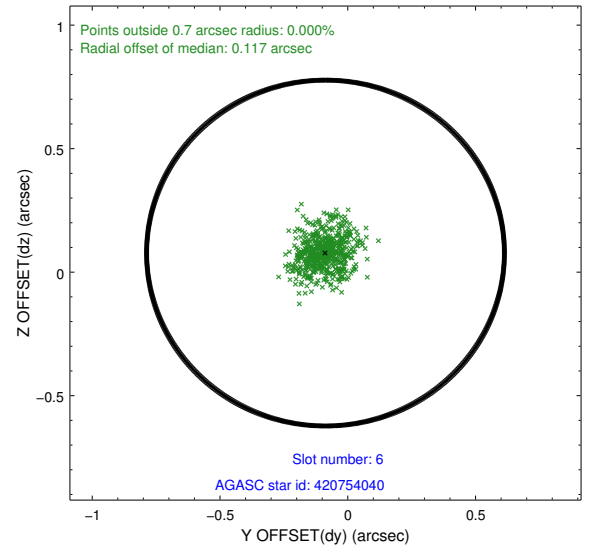
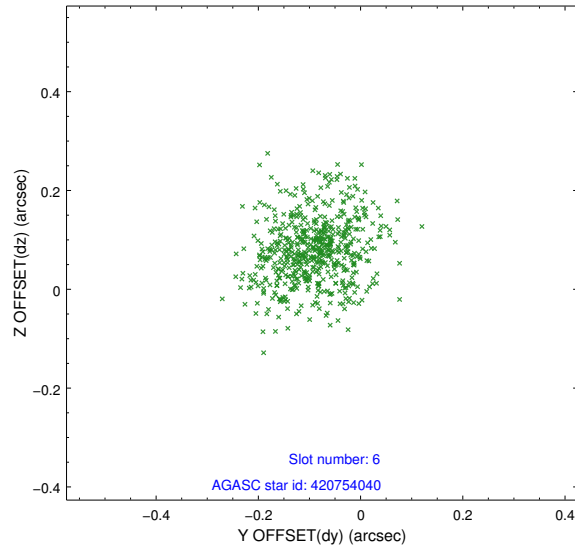
2.4.2 Slot 4



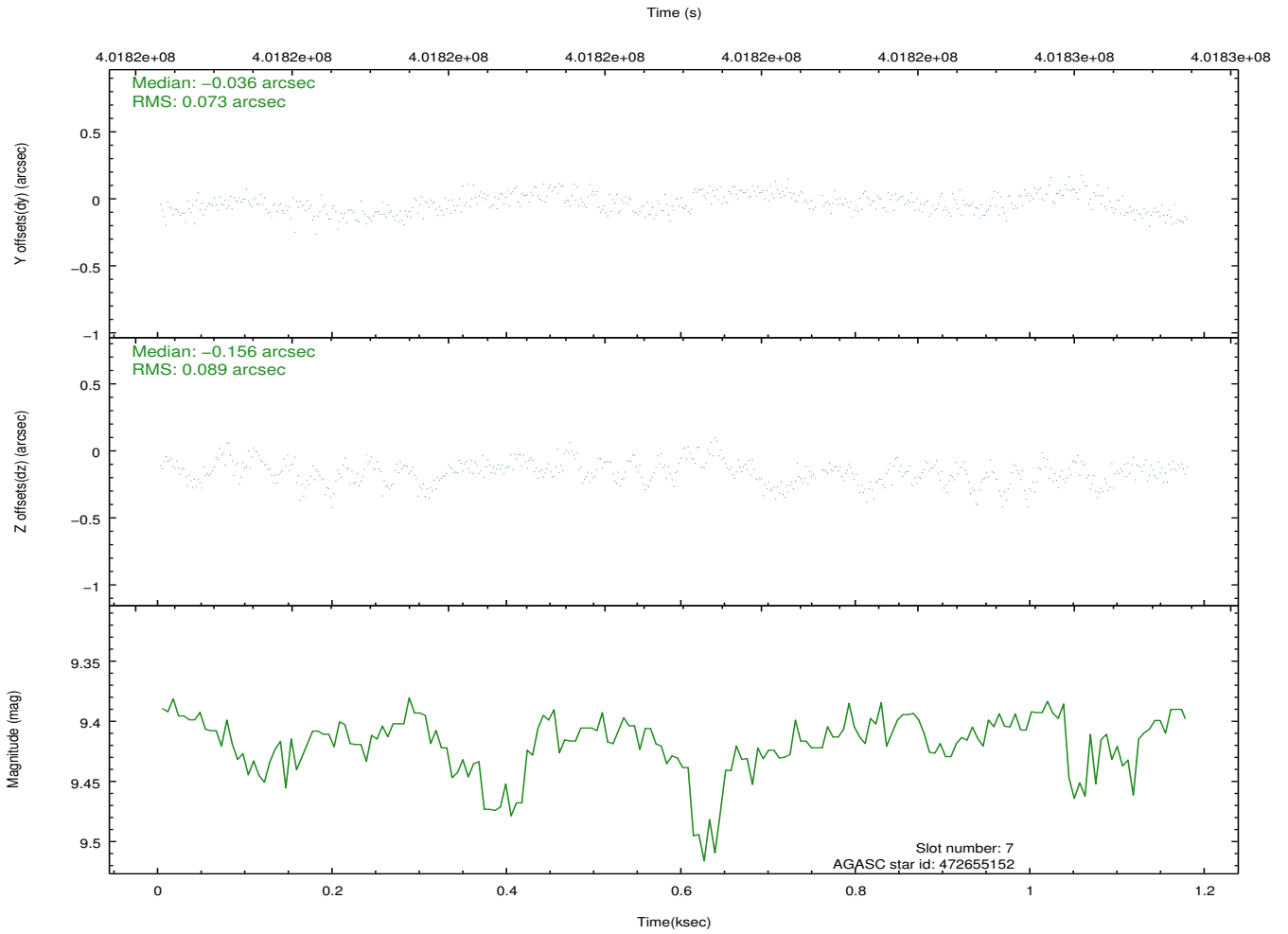
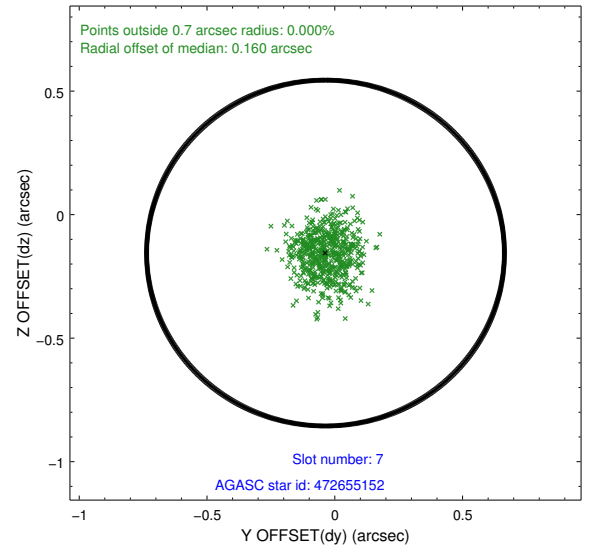
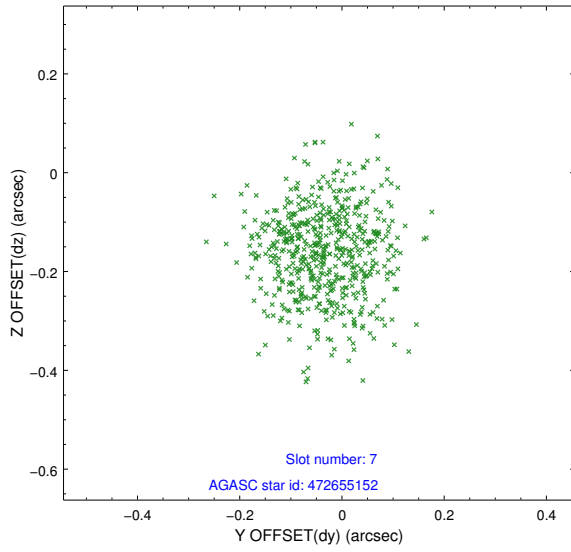
2.4.3 Slot 5



2.4.4 Slot 6

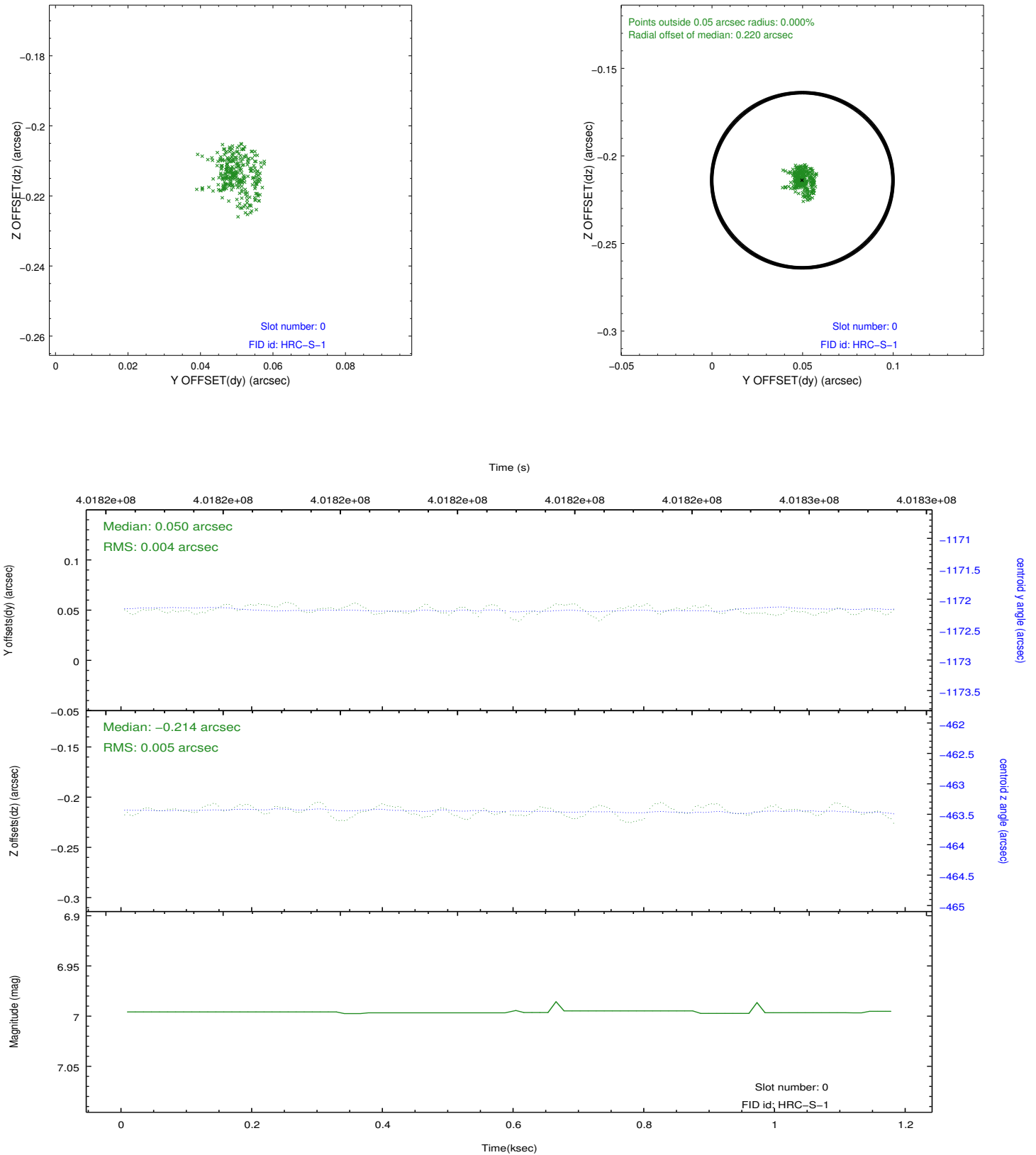


2.4.5 Slot 7

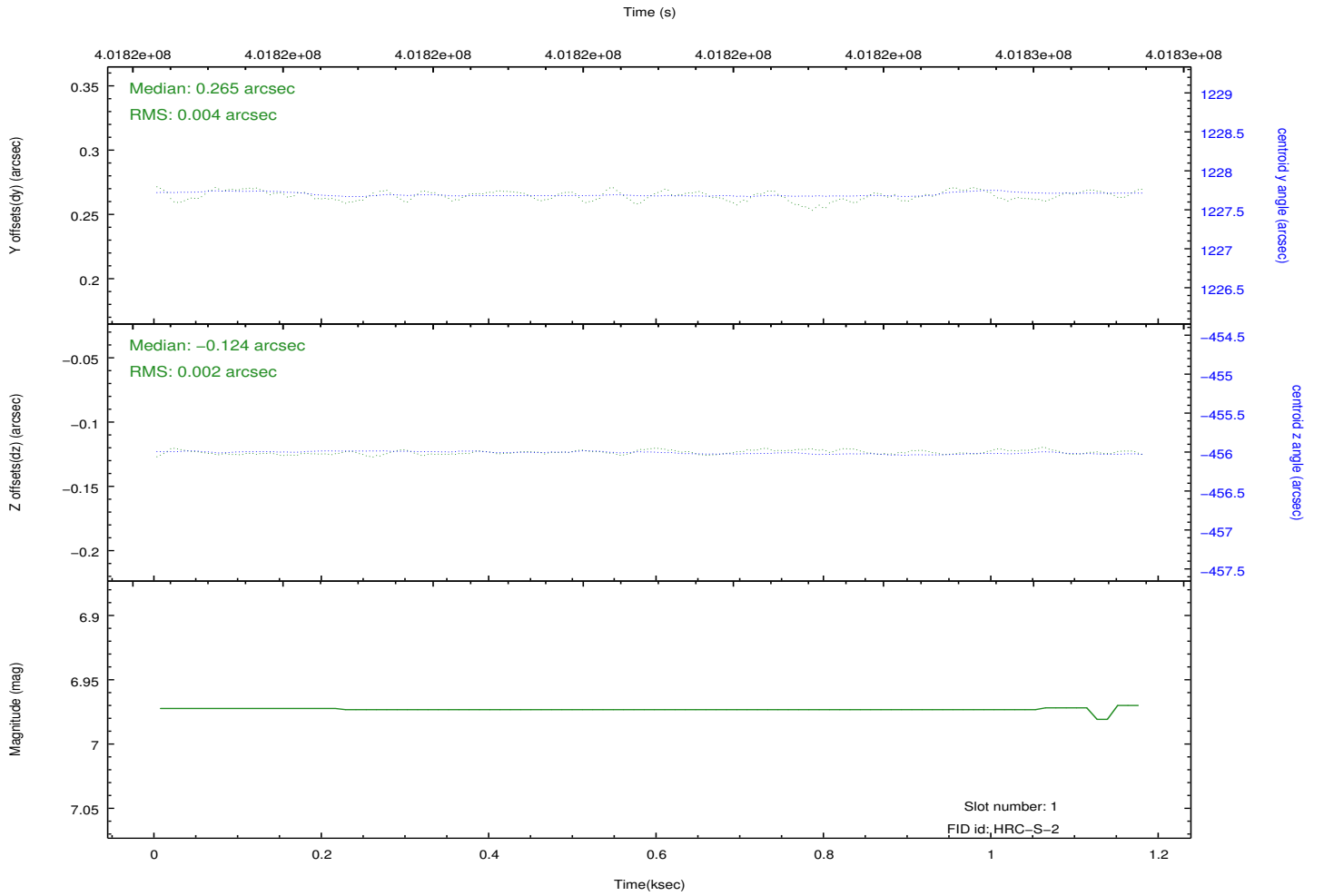
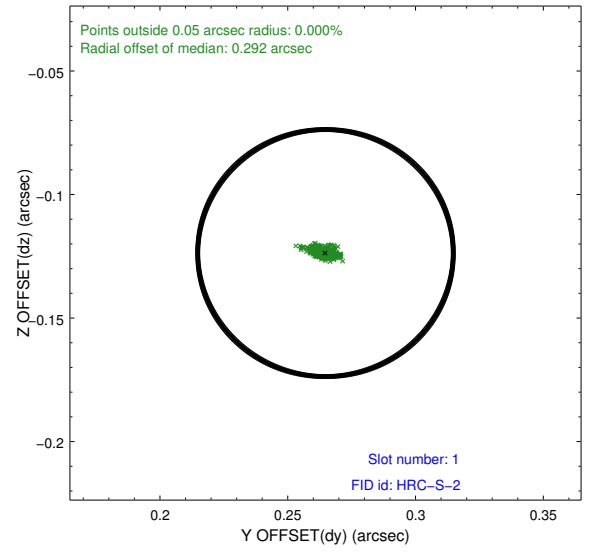
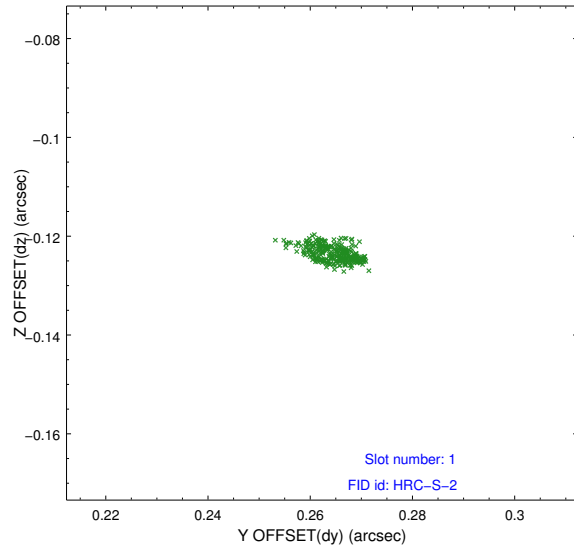


2.5 FID Slots

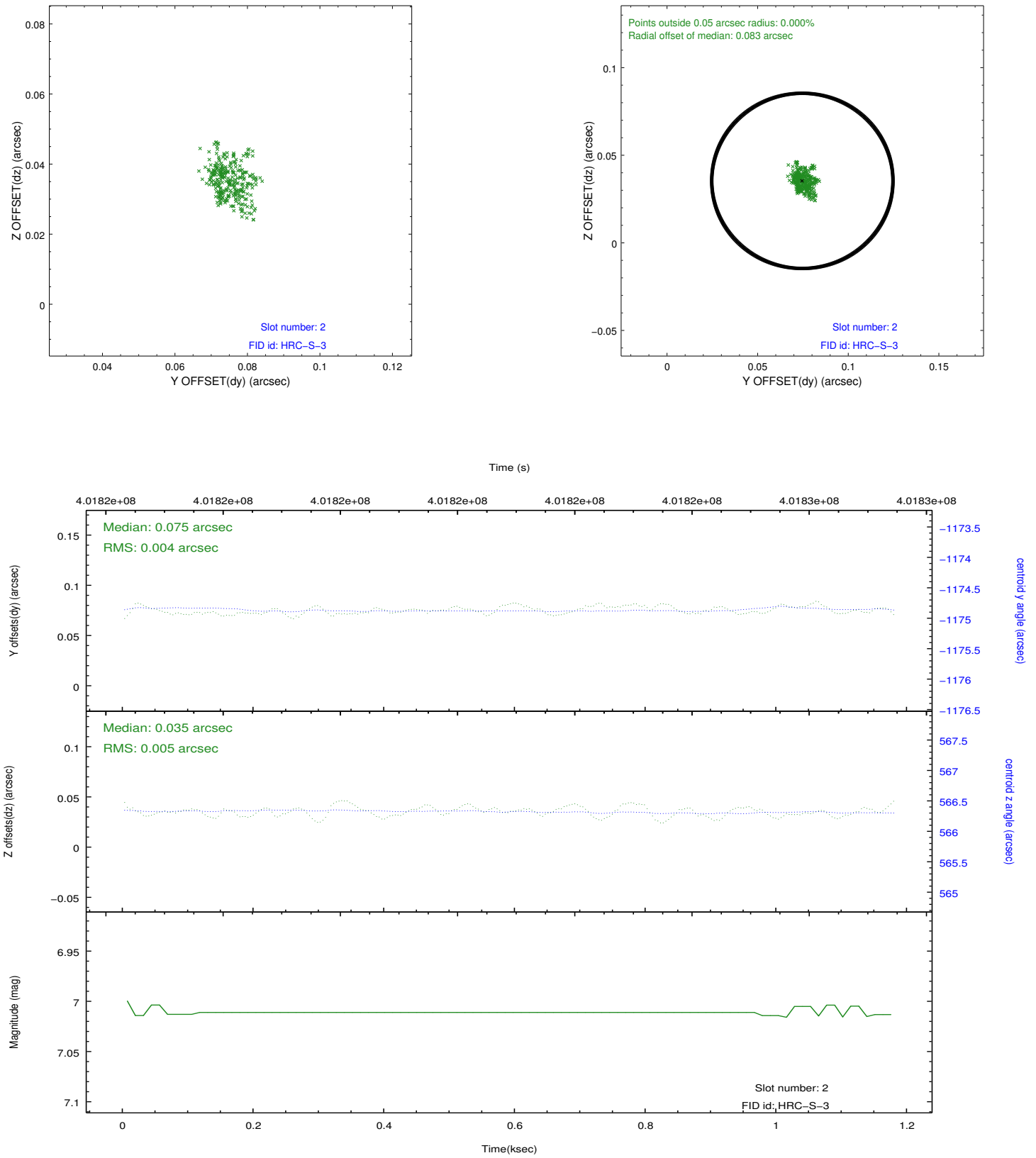
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.149281308949

A.2 Comments